

Techniclean™ 348 Plus

Aqueous Mild Alkaline Cleaner

Description

Castrol Techniclean™ 348 Plus is an aqueous, mild alkaline industrial process cleaner, containing highly effective biodegradable surfactants and corrosion inhibitors providing excellent temporary corrosion protection. The product is formulated without boron and monoethanolamine (MEA).

Application

Techniclean 348 Plus is designed for final cleaning operations on ferrous metal parts and components, suitable for use in a wide range of industrial spray and intensive flood wash machines.

It is capable of providing several weeks temporary indoor corrosion protection on steel and cast iron metals, depending on storage conditions.

Techniclean 348 Plus effectively removes soluble oils, light neat cutting and forming oils, lubrication oils, particles and general dirt.

Conditions of Use

Concentration range: 1 - 5%

Temperature range: ambient - 80 °C

Optimum conditions of use are depending on the detailed application requirements and the amount and nature of the soil being removed.

Advantages

- Leaves a high performing temporary corrosion preventive film on the metal surface to help minimising the scrap rate during intermediate storage
- Excellent cleaning & corrosion protection in one process step, which can enable possible process rationalisation
- Low foaming at low temperature; allows for initial cold water start ups to reduce maintenance time and is economical through helping to lower energy cost
- Can be used in most spray wash equipment which enables possible product consolidation
- Good product stability and good oil splitting support long bath-life to reduce maintenance and disposal cost

Typical Characteristics

Description	Test Method	Unit	Value
Appearance of Concentrate	Visual	-	Clear, yellow to dark yellow liquid
Density @ 15 °C	ASTM D4052	g/ml	1.08
pH (1% in water 5° dH)	ASTM E70-97	-	10.4

Subject to usual manufacturing tolerances.

Storage

To avoid product deterioration always keep the container/drum tightly sealed. Store the product in a cool, dry place away from direct sunlight. Prevent exposure to frost and avoid water ingress. For optimum product stability, it is preferable to store the product indoors between 5°C and 45 °C / 41°F and 113°F.

For more details, please refer to the product safety data sheet.

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